

### AMENDMENTS TO THE CLAIMS

1. (Currently amended) A Process-process for respiratory support for a patient, wherein the patient's spontaneous respiration is recorded by sensors, and an additional quantity of oxygen is administered to the lung at the end of an inhalation process.

2. (Currently amended) The Process-process as per patent according to claim 1, wherein the oxygen quantity has a volume of 25 ml to 150 ml.

3. (Currently amended) Process-The process as per patent according claim 1 or 2, wherein the patient's exhalation process is slowed by a counter-flow.

4. (Currently amended) An Arrangement-arrangement for respiratory support to a patient, including an oxygen pump (1) to be connected to an oxygen supply, as well as an airway prosthesis (2, 3), to be connected via a catheter (5), wherein sensors (8, 9) are intended to record the patient's spontaneous respiration, same sensors being connected with a control unit (12) to activate the oxygen pump (1), and the airway prosthesis (2, 3) possesses a tubular support body (6) with a connector (7) for the catheter (5), wherein two of the sensors (8, 9) are assigned to the support body (6).

5. (Currently amended) The Arrangement-arrangement as per patent according to claim 4, in which a sensor (8) is placed against the interior wall (10) of the support body (6).

6. (Currently amended) Arrangement-The arrangement as per patent according to claim 4 or 5, wherein the end (15) of the catheter (5) which is located within the support body (6) is redirected so as to be approximately parallel to its longitudinal axis (L), as well as being provided with a jet nozzle at its end.

7. (Currently amended) Arrangement-The arrangement as per one of the patent according to claims claim 4 to 6 in which the oxygen pump (1) consists of a piston pump.

8. (Currently amended) Arrangement-The arrangement as per one of the patent according to claim claims 4 to 7, in which the catheter is provided with a double lumen.

9. (Currently amended) Arrangement-The arrangement as per one of the patent claims according to claim 4 to 8, wherein further respiratory sensors (13, 14) are intended in addition to the sensors (8, 9).

10. (Currently amended) ~~An Airway~~ airway prosthesis possessing a tubular support body (6) with a connector (7) for a jet catheter (5), wherein the support body (6) includes at least two sensors (8, 9).

11. (Currently amended) ~~Airway~~ The airway prosthesis as per patent according to claim 10, wherein a sensor (8) is affixed to the internal wall (10) of the support body (6).

12. (Currently amended) ~~Airway~~ The airway prosthesis as per patent according to claim 10 ~~or 11~~, wherein the catheter end (15) within the support body (6) is directed so as to be parallel to its longitudinal axis (L).

13. (Currently amended) ~~Catheter~~ A catheter as a tubular instrument to one of whose ends (31) at least one sensor (32, 33) is affixed.

14. (Currently amended) ~~Catheter~~ The catheter as per patent according to claim 13 in which the end (31) possesses a jet nozzle (35).

15. (Currently amended) ~~Catheter~~ The catheter as per patent according to claim 13 ~~or 14~~, wherein the end (31) is bent.